

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	((("6249370") or ("6549694") or ("6639722") or ("6002154")).PN.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L2	0	L1 and pzt	USPAT	OR	OFF	2008/04/27 18:45
L3	103231	actuator\$1 and ((height\$1 or position\$1) with (var\$4 or differ\$4))	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L4	104	wavefront adj pattern\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L5	1	L1 and (zirconate with titanate)	USPAT	OR	OFF	2008/04/27 18:45
L6	0	modulator and (insulat\$3 with layer \$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1)	US-PGRUB; USPAT	OR	OFF	2008/04/27 18:45
L7	24946	actuator\$1 same ((height\$1 or position\$1) with (var\$4 or differ\$4))	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L8	18478	diffract\$3 with refract\$3	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L9	1	("6249370").PN.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L10	0	L9 and pzt	USPAT	OR	OFF	2008/04/27 18:45
L11	691	(first with order with diffraction with second) and "359"/\$.cls.	US-PGRUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L12	95	(insulat\$3 with layer\$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1)	US-PGRUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L13	1	"20050046921"	US-PGRUB; USPAT	OR	OFF	2008/04/27 18:45
L14	1	L13 and pzt	US-PGRUB; USPAT	OR	OFF	2008/04/27 18:45

L15	1	"20050046921"	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L16	0	L15 and (two with dimension\$2 with array\$1)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L17	0	L15 and (two with dimension\$2)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L18	13993	actuator\$1 with ((height\$1 or position\$1) with (var\$4 or differ\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L19	665	actuator\$1 with (height\$1 with differ \$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L20	83	modulator\$1 and (benedicto)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L21	1	L9 and zirconate	USPAT	OR	OFF	2008/04/27 18:45
L22	461	actuator\$1 with (height\$1 with different)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L23	2805	(359/290,291,295,571).CCLS.	US-PGPUB; USPAT; USCOR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L24	1282	diffract\$3 with refract\$3 with mirror \$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L25	309	diffract\$4 with quarter with wavelength\$1	USPAT	OR	OFF	2008/04/27 18:45
L26	411	((first with order with diffraction with second) and "359"/\$.ccls.) and mirror\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L27	380	(actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and (((359/290,291,295,571).CCLS.) or ((385/18).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L28	380	(actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and (((359/290,291,295,571).CCLS.) or ((385/18).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45

L29	0	(PZT or zirconate) with contract\$3 with expand\$3 with spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L30	0	((PZT or zirconate) with contract\$3 with expand\$3) same spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L31	1	"20050046921"	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L32	0	L31 and ((individual\$2 with modulat\$3)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L33	2536	modulator\$1 same (individual\$5 with control\$4)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L34	105	(PZT or zirconate) with actuator with (contract\$3 or expand\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L35	1738	(385/18).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L36	4426	((359/290,291,295,571).CQLS.) or ((385/18).CQLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L37	2111	(PZT or zirconate) with actuator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L38	1	("6249370").PN.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L39	0	L38 and pzt	USPAT	OR	OFF	2008/04/27 18:45
L40	0	L38 and plzt	USPAT	OR	OFF	2008/04/27 18:45
L41	1307	modulator\$1 with individual\$5 with control\$4	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L42	93	modulator\$1 same (reflect\$3 with curve)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L43	305	((jack with dinh)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L44	68	((insulat\$3 with layer\$1) with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45

L45	0	modulator and (insulat\$3 with layer \$1 with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L46	4426	((359/290,291,295,571).CQLS.) or ((385/18).CQLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L47	1	L15 and (four with direction\$1)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L48	1	L15 and (two)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L49	1	("6,549,694").PN.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L50	1	L13 and piston\$	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L51	1	L15 and (four)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L52	0	L15 and (dimension\$2)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L53	1	L13 and (insulating with layer\$1)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L54	1	L43 and ((one with two with degree \$1).clm.)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L55	1	L31 and (individual\$2)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L56	1	("6856449").PN.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L57	13	((method or process) with (form\$3 or mak\$3) with (spatial with modulator\$1)).ti.	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L58	1	L31 and wavefront	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L59	1	L31 and wavefront\$1	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L60	12	((actuator\$1 or reflect\$3 or mirror \$1) with (height\$1 with different) with pattern\$1) and "359"/\$.cds.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L61	34	((method or process) with (us\$3) with (spatial with modulator\$1)).ti.	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L62	34	actuator\$1 same ((height\$1 or position\$1) with (var\$4 or differ\$4)) same wavefront\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45

L63	48	(spatial adj (light\$1 or modulator \$1)) same actuator\$1 same electrode\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L64	36	(wavefront adj pattern\$1) and actuator\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L65	8	actuator\$1 with (height\$1 with different) with pattern\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L66	101	diffract\$3 with refract\$3 with mirror \$1 with wavelength\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L67	29	(diffract\$3 with refract\$3 with mirror \$1 with wavelength\$1) and "359"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L68	50	diffract\$4 with quarter with wavelength\$1 with mirror\$1	USPAT	OR	OFF	2008/04/27 18:45
L69	3	((("5735026") or ("5862002") or ("6059416")).PN.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L70	47	(PZT or zirconate) with actuator with (contract\$3 with expand\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L71	7	((PZT or zirconate) with contract\$3 with expand\$3) same (modulator \$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L72	3	L33 and (jack with dinh)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L73	3	L41 and (jack with dinh)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L74	74	modulator\$1 and (jack with dinh)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L75	31	modulator\$1 with (reflect\$3 with curve)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L76	31	modulator\$1 with (curve\$1 adj mirror\$1)	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L77	25	(insulating adj layer\$1) with substrate\$1 with dissipat\$3 with heat\$3 with electrode\$1	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45

L78	52	L12 and @ad<="20030829"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L79	31	L44 and @ad<="20030829"	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L80	31	L12 and @ad<="20030829"	US-PGPUB; USPAT	OR	OFF	2008/04/27 18:45
L81	196	(actuator\$1 same electrode\$1 same (reflect\$3 or mirror\$1)) and 359/291.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L82	238	(actuator\$1 or reflect\$3 or mirror \$1) with (height\$1 with different) with pattern\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L83	113	(359/323).CCLS.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L84	276	((first with order with diffraction with second) and "359"/\$.ccls.) and mirror\$1	USPAT	OR	OFF	2008/04/27 18:45
L85	1505	L46 and @pd>="20050701"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/27 18:45
L86	1535	(359/223,224).CCLS.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L87	473	(359/320,322,323).CCLS.	USPAT; USOCR	OR	OFF	2008/04/27 18:45
L88	17984	(modulator\$1).clm.	US-PGPUB	OR	OFF	2008/04/27 18:45
L89	62	(modulator\$1 with wavefront\$1). clm.	US-PGPUB	OR	OFF	2008/04/27 18:45
L90	2	(modulator\$1 with wavefront\$1 with substrate\$1).clm.	US-PGPUB	OR	OFF	2008/04/27 18:45
L91	0	(modulator\$1 with wavefront\$1 with substrate\$1 with electrode\$1). clm.	US-PGPUB	OR	OFF	2008/04/27 18:45

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